

ABSTRACT

An azimuth measuring device capable of calibrating a magnetic sensor without putting load on a user is provided.

5 When a point having amplified output values S_x , S_y , S_z after a sensitivity correction as x , y , z components is arranged on an xyz coordinate system, an offset information calculation section 8 calculates the center coordinates of such a sphere whose surface is located in the vicinity of each point and
10 calculates an x component of the center coordinates of this sphere as a current offset C_x of an x -axis Hall element HE_x , a y component of the center coordinates of this sphere as a current offset C_y of a y -axis Hall element HE_y and a z component of the center coordinates of this sphere as a current offset
15 C_z of a z -axis Hall element HE_z . It is thereby possible to calibrate the magnetic sensor without putting load on the user.